



VAST.003A

PATENT

THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant	:	David L. Hagen et al.	)	Group Art Unit: 3745
			)	
Appl. No.	:	10/763,057	)	
			)	
Filed	:	January 22, 2004	)	
			)	
For	:	THERMODYNAMIC CYCLES	)	
		USING THERMAL DILUENT	)	
			)	
Examiner	:	Unknown	)	

PRELIMINARY AMENDMENT

United States Patent and Trademark Office  
P.O. Box 2327  
Arlington, VA 22202

Dear Sir:

Before examination of the above-referenced application, enter the following amendments.

**Amendments to the Specification** begin on page 2 of this paper.

**Remarks** being on page 3 of this paper.

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**Amendments to the Specification**

Please replace paragraph number 0001 with the following rewritten paragraph.

**[0001]** This application claims the priority benefit under 35 U.S.C. § 119(e) of Provisional Application 60/442,096, filed January 22, 2003 2004 and Provisional Application 60/442,844 filed January 24, 2003 2004.